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LOGINID:SSSPTA1615LXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1	Web Page for STN Seminar Schedule - N. America
NEWS 2	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS 3	PATDPAFULL: Application and priority number formats enhanced
NEWS 4	DWPI: New display format ALLSTR available
NEWS 5	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS 6	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS 7	50,000 World Traditional Medicine (WTM) Patents Now Available in Caplus
NEWS 8	MEDLINE Coverage Is Extended Back to 1947
NEWS 9	WPI First View (File WP1FV) will no longer be available after July 30, 2010
NEWS 10	DWPI: New coverage - French Granted Patents
NEWS 11	CAS and FIZ Karlsruhe announce plans for a new STN platform
NEWS 12	IPC codes have been added to the INSPEC backfile (1969-2009)
NEWS 13	Removal of Pre-IPC 8 data fields streamline displays in CA/Caplus, CASREACT, and MARPAT
NEWS 14	Access an additional 1.8 million records exclusively enhanced with 1.9 million CAS Registry Numbers -- EMBASE Classic on STN
NEWS 15	Introducing "CAS Chemistry Research Report": 40 Years of Biofuel Research Reveal China Now Atop U.S. in Patenting and Commercialization of Bioethanol
NEWS 16	Enhanced Batch Search Options in DGENE, USGENE, and PCTGEN
NEWS 17	Enhancement of citation information in INPADOC databases provides new, more efficient competitor analyses
NEWS 18	CAS coverage of global patent authorities has expanded to 61 with the addition of Costa Rica
NEWS 19	MEDLINE Cited References provide additional relevant records with no additional searching.
NEWS 20	Removal of Pre-IPC 8 data fields streamlines displays in USPATFULL, USPAT2, and USPATOLD.
NEWS 21	Precision of EMBASE searching enhanced with new chemical name field
NEWS 22	Increase your retrieval consistency with new formats or for Taiwanese application numbers in CA/Caplus.
NEWS 23	CA/Caplus kind code changes for Chinese patents increase consistency, save time
NEWS 24	New version of STN Viewer preserves custom

		highlighting of terms when patent documents are saved in .rtf format
NEWS 25	OCT 28	INPADOCDB/INPAFAMDB: Enhancements to the US national patent classification.
NEWS 26	NOV 03	New format for Korean patent application numbers in CA/CAplus increases consistency, saves time.
NEWS 27	NOV 04	Selected STN databases scheduled for removal on December 31, 2010
NEWS 28	NOV 18	PROUSDDR and SYNTHLINE Scheduled for Removal December 31, 2010 by Request of Prous Science
NEWS 29	NOV 22	Higher System Limits Increase the Power of STN Substance-Based Searching
NEWS 30	NOV 22	Enjoy a free month of INPADOCDB/INPAFAMDB SDIs!
NEWS 31	NOV 24	Search an additional 46,850 records with MEDLINE backfile extension to 1946

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 15:22:03 ON 12 DEC 2010

```
=> file reg
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          0.22          0.22
```

FILE 'REGISTRY' ENTERED AT 15:22:25 ON 12 DEC 2010
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TSCB INFORMATION NOW CURRENT THROUGH JUNE 26, 2010

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information

on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

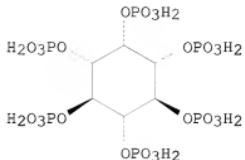
```
=> e phytic acid/cn
E1      1      PHYTEZYME/CN
E2      1      PHYTIANE LS/CN
E3      1 --> PHYTIC ACID/CN
E4      1      PHYTIC ACID ALUMINUM SALT (1:4)/CN
E5      1      PHYTIC ACID ARGININE SALT/CN
E6      1      PHYTIC ACID DISODIUM SALT/CN
E7      1      PHYTIC ACID ETHYLDIOLEYLAMINE SALT/CN
E8      1      PHYTIC ACID HEPTASODIUM SALT/CN
E9      1      PHYTIC ACID ION(6-)/CN
E10     1      PHYTIC ACID MAGNESIUM-POTASSIUM SALT/CN
E11     1      PHYTIC ACID MONO(TETRAETHYLAMMONIUM) SALT/CN
E12     1      PHYTIC ACID QUINIDINE SALT/CN

=> e3
L1      1 "PHYTIC ACID"/CN

=> d 11

L1      ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2010 ACS on STN
RN      83-86-3  REGISTRY
ED      Entered STN: 16 Nov 1984
CN      myo-Inositol, 1,2,3,4,5,6-hexakis(dihydrogen phosphate) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN      Inositol, hexakis(dihydrogen phosphate), myo- (8CI)
CN      myo-Inositol, hexakis(dihydrogen phosphate) (9CI)
OTHER NAMES:
CN      Alkalovert
CN      Dermofeel PA 3
CN      Exfoderm
CN      Exfoderm Forte
CN      Fytic acid
CN      Inositol 1,2,3,4,5,6-hexakisphosphate
CN      Inositol hexakis(phosphate)
CN      Inositol hexaphosphate
CN      InsP6
CN      IP6
CN      meso-Inositol hexaphosphate
CN      myo-Inositol hexakis(phosphate)
CN      myo-Inositol hexaphosphate
CN      Phyliance
CN      Phytic acid
CN      RP 3000
CN      RP 3000 (rust inhibitor)
CN      WHL
CN      WHL (depressant)
FS      STEREOSEARCH
DR      894854-44-5, 1206549-44-1, 50762-79-3, 78039-41-5
MF      C6 H18 O24 P6
CI      COM
LC      STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA,
        CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE,
        GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS,
        NAPRALERT, PIRA, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL,
        USPATOLD, VETU
        (*File contains numerically searchable property data)
Other Sources:  DSL**, EINECS**, TSCA**, WHO
        (**Enter CHEMLIST File for up-to-date regulatory information)
```

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8868 REFERENCES IN FILE CA (1907 TO DATE)
320 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
8943 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file hcplus			
COST IN U.S. DOLLARS		SINCE FILE	TOTAL
FULL ESTIMATED COST		ENTRY	SESSION
		9.07	9.29

FILE 'HCPLUS' ENTERED AT 15:24:01 ON 12 DEC 2010
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FILE COVERS 1907 - 12 Dec 2010 VOL 153 ISS 25
FILE LAST UPDATED: 10 Dec 2010 (20101210/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

HCplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11
L2 8943 L1

=> d his

(FILE 'HOME' ENTERED AT 15:22:03 ON 12 DEC 2010)

FILE 'REGISTRY' ENTERED AT 15:22:25 ON 12 DEC 2010
E PHYTIC ACID/CN

L1 1 E3

FILE 'HCAPLUS' ENTERED AT 15:24:01 ON 12 DEC 2010
L2 8943 S L1

=> s 12 (p) (cutaneous or percutaneous or topical or cream or ointment or lotion or skin care or dermatological or transdermal)

34322 CUTANEOUS
13278 PERCUTANEOUS
63712 TOPICAL
51 TOPICALS
63733 TOPICAL

(TOPICAL OR TOPICALS)

43474 CREAM
23943 CREAMS
57283 CREAM

(CREAM OR CREAMS)

15410 OINTMENT
19946 OINTMENTS
26407 OINTMENT

(OINTMENT OR OINTMENTS)

10554 LOTION
15288 LOTIONS
20733 LOTION

(LOTION OR LOTIONS)

338651 SKIN
12342 SKINS
345396 SKIN

(SKIN OR SKINS)

92429 CARE
265 CARES
92657 CARE

(CARE OR CARES)

5060 SKIN CARE
(SKIN(W)CARE)
4903 DERMATOLOGICAL
15 DERMATOLOGICALS
4915 DERMATOLOGICAL

(DERMATOLOGICAL OR DERMATOLOGICALS)

9458 DERMATOL
1 DERMATOLS
9458 DERMATOL

(DERMATOL OR DERMATOLS)

12542 DERMATOLOGICAL
(DERMATOLOGICAL OR DERMATOL)
20576 TRANSDERMAL
8 TRANSDERMALS
20577 TRANSDERMAL

(TRANSDERMAL OR TRANSDERMALS)

L3 56 L2 (P) (CUTANEOUS OR PERCUTANEOUS OR TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR DERMATOLOGICAL OR TRANSDERMAL)

=> s 13 and (calcification or calcium deposition or calcium crystal) (p) (treat? or reduce? or inhibit?)

13421 CALCIFICATION
832 CALCIFICATIONS
13735 CALCIFICATION

(CALCIFICATION OR CALCIFICATIONS)
1009972 CALCIUM
41 CALCIUMS
1009977 CALCIUM
(CALCIUM OR CALCIUMS)
604369 DEPOSITION
7950 DEPOSITIONS
607382 DEPOSITION
(DEPOSITION OR DEPOSITIONS)
829 CALCIUM DEPOSITION
(CALCIUM(W) DEPOSITION)
1009972 CALCIUM
41 CALCIUMS
1009977 CALCIUM
(CALCIUM OR CALCIUMS)
1603059 CRYSTAL
756750 CRYSTALS
1929890 CRYSTAL
(CRYSTAL OR CRYSTALS)
313 CALCIUM CRYSTAL
(CALCIUM(W) CRYSTAL)
4381709 TREAT?
2815695 REDUC?
1118261 REDN
65142 REDNS
1159729 REDN
(REDN OR REDNS)
3442267 REDUC?
(REDUC? OR REDN)
2324308 INHIBIT?
4960 (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL) (P)
(TREAT? OR REDUC? OR INHIBIT?)
L4 1 L3 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
(P) (TREAT? OR REDUC? OR INHIBIT?)

=> s 13 and (calcification or calcium deposition or calcium crystal) (p) (treat? or
reduc? or inhibit? or prevent)
13421 CALCIFICATION
832 CALCIFICATIONS
13735 CALCIFICATION
(CALCIFICATION OR CALCIFICATIONS)
1009972 CALCIUM
41 CALCIUMS
1009977 CALCIUM
(CALCIUM OR CALCIUMS)
604369 DEPOSITION
7950 DEPOSITIONS
607382 DEPOSITION
(DEPOSITION OR DEPOSITIONS)
829 CALCIUM DEPOSITION
(CALCIUM(W) DEPOSITION)
1009972 CALCIUM
41 CALCIUMS
1009977 CALCIUM
(CALCIUM OR CALCIUMS)
1603059 CRYSTAL
756750 CRYSTALS
1929890 CRYSTAL
(CRYSTAL OR CRYSTALS)
313 CALCIUM CRYSTAL
(CALCIUM(W) CRYSTAL)
4381709 TREAT?

2815695 REDUC?
 1118261 REDN
 65142 REDNS
 1159729 REDN
 (REDN OR REDNS)
 3442267 REDUC?
 (REDUC? OR REDN)
 2324308 INHIBIT?
 365013 PREVENT
 139462 PREVENTS
 492301 PREVENT
 (PREVENT OR PREVENTS)
 5100 (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL) (P)
 (TREAT? OR REDUC? OR INHIBIT? OR PREVENT)
 L5 1 L3 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
 (P) (TREAT? OR REDUC? OR INHIBIT? OR PREVENT)

 => s l3 and (calcification or calcium deposition or calcium crystal)
 13421 CALCIFICATION
 832 CALCIFICATIONS
 13735 CALCIFICATION
 (CALCIFICATION OR CALCIFICATIONS)
 1009972 CALCIUM
 41 CALCIUMS
 1009977 CALCIUM
 (CALCIUM OR CALCIUMS)
 604369 DEPOSITION
 7950 DEPOSITIONS
 607382 DEPOSITION
 (DEPOSITION OR DEPOSITIONS)
 829 CALCIUM DEPOSITION
 (CALCIUM(W)DEPOSITION)
 1009972 CALCIUM
 41 CALCIUMS
 1009977 CALCIUM
 (CALCIUM OR CALCIUMS)
 1603059 CRYSTAL
 756750 CRYSTALS
 1929890 CRYSTAL
 (CRYSTAL OR CRYSTALS)
 313 CALCIUM CRYSTAL
 (CALCIUM(W)CRYSTAL)
 L6 2 L3 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)

=> d 16 1- ibib
 YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L6 ANSWER 1 OF 2 HCPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2005:558322 HCPLUS
 DOCUMENT NUMBER: 143:109700
 TITLE: Study of a myo-inositol hexaphosphate-based cream to
 prevent dystrophic calcinosis cutis
 AUTHOR(S): Grases, F.; Perello, J.; Isern, B.; Prieto, R. M.
 CORPORATE SOURCE: Laboratory of Renal Lithiasis Research and
 Biominerilization, University Institute of Health
 Sciences Research (IUNICS), University of Balearic
 Islands, Palma de Mallorca, 07122, Spain
 SOURCE: British Journal of Dermatology (2005), 152(5),
 1022-1025
 CODEN: BJDEAZ; ISSN: 0007-0963
 PUBLISHER: Blackwell Publishing Ltd.
 DOCUMENT TYPE: Journal

LANGUAGE: English
 OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD
 (6 CITINGS)
 REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2005:426442 HCAPLUS
 DOCUMENT NUMBER: 142:451866
 TITLE: Myo-inositol hexaphosphate for topical use
 INVENTOR(S): Grases Freixedas, Felicia; Perello Bestard, Joan;
 Isern Amengual, Bernat; Prieto Almirall, Rafael; Costa
 Bauza, Antonia
 PATENT ASSIGNEE(S): Universitat de les Illes Balears, Spain; Grases
 Freixedas, Felicia; Isern Amengual, Bernat; Prieto
 Almirall, Rafael; Costa Bauza, Antonia
 SOURCE: PCT Int. Appl., 19 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044278	A1	20050519	WO 2004-IB3588	20041103
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
ES 2232302	A1	20050516	ES 2003-2600	20031107
ES 2232302	B1	20060801		
CA 2544963	A1	20050519	CA 2004-2544963	20041103
CA 2544963	C	20100330		
EP 1680128	A1	20060719	EP 2004-798764	20041103
EP 1680128	B1	20070214		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IS, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004015713	A	20061219	BR 2004-15713	20041103
AT 353655	T	20070315	AT 2004-798764	20041103
JP 2007510710	T	20070426	JP 2006-538978	20041103
PT 1680128	E	20070531	PT 2004-798764	20041103
ES 2282920	T3	20071016	ES 2004-798764	20041103
MX 2006005043	A	20070315	MX 2006-5043	20060504
US 20070066574	A1	20070322	US 2006-595709	20060505
PRIORITY APPLN. INFO.:			ES 2003-2600	A 20031107
			WO 2004-IB3588	W 20041103

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his full

(FILE 'HOME' ENTERED AT 15:22:03 ON 12 DEC 2010)

FILE 'REGISTRY' ENTERED AT 15:22:25 ON 12 DEC 2010

E PHYTIC ACID/CN

L1 1 SEA ABB=ON PLU=ON "PHYTIC ACID"/CN
D L1

FILE 'HCAPLUS' ENTERED AT 15:24:01 ON 12 DEC 2010

L2 8943 SEA ABB=ON PLU=ON L1
L3 56 SEA ABB=ON PLU=ON L2 (P) (CUTANEOUS OR PERCUTANEOUS OR
TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR
Dermatological OR Transdermal)
L4 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT?)
L5 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT? OR
PREVENT)
L6 2 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)
D L6 1- IBIB

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0

DICTIONARY FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
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experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE HCAPLUS

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FILE COVERS 1907 - 12 Dec 2010 VOL 153 ISS 25

FILE LAST UPDATED: 10 Dec 2010 (20101210/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

HCplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

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<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12 and (cutaneous or percutaneous or topical or cream or ointment or lotion or skin care or dermatological or transdermal)

34322 CUTANEOUS
13278 PERCUTANEOUS
63712 TOPICAL
51 TOPICALS
63733 TOPICAL
(TOPICAL OR TOPICALS)
43474 CREAM
23943 CREAMS
57283 CREAM
(CREAM OR CREAMS)
15410 OINTMENT
19946 OINTMENTS
26407 OINIMENT
(OINTMENT OR OINTMENTS)
10554 LOTION
15288 LOTIONS
20733 LOTION
(LOTION OR LOTIONS)
338651 SKIN
12342 SKINS
345396 SKIN
(SKIN OR SKINS)
92429 CARE
265 CARES
92657 CARE
(CARE OR CARES)
5060 SKIN CARE
(SKIN (W) CARE)
4903 DERMATOLOGICAL
15 DERMATOLOGICALS
4915 DERMATOLOGICAL
(DERMATOLOGICAL OR DERMATOLOGICALS)
9458 DERMATOL
1 DERMATOLS
9458 DERMATOL
(DERMATOL OR DERMATOLS)
12542 DERMATOLOGICAL
(DERMATOLOGICAL OR DERMATOL)
20576 TRANSDERMAL
8 TRANSDERMALS
20577 TRANSDERMAL
(TRANSDERMAL OR TRANSDERMALS)
L7 195 L2 AND (CUTANEOUS OR PERCUTANEOUS OR TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR DERMATOLOGICAL OR TRANSDERMAL)

=> s 17 and (calcification or calcium deposition or calcium crystal)

13421 CALCIFICATION
832 CALCIFICATIONS
13735 CALCIFICATION

(CALCIFICATION OR CALCIFICATIONS)
1009972 CALCIUM
41 CALCIUMS
1009977 CALCIUM
(CALCIUM OR CALCIUMS)
604369 DEPOSITION
7950 DEPOSITIONS
607382 DEPOSITION
(DEPOSITION OR DEPOSITIONS)
829 CALCIUM DEPOSITION
(CALCIUM(W)DEPOSITION)
1009972 CALCIUM
41 CALCIUMS
1009977 CALCIUM
(CALCIUM OR CALCIUMS)
1603059 CRYSTAL
756750 CRYSTALS
1929890 CRYSTAL
(CRYSTAL OR CRYSTALS)
313 CALCIUM CRYSTAL
(CALCIUM(W)CRYSTAL)
L8 3 L7 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)

=> s 18 not 16

L9 1 L8 NOT L6

=> d 19

L9 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2010 ACS on STN
AN 2005:1308816 HCAPLUS
DN 144:343297
TI Phytate (myo-inositol hexakisphosphate) inhibits cardiovascular calcifications in rats
AU Grases, Felix; Sanchis, Pilar; Perello, Joan; Isern, Bernat; Prieto, Rafel Maria; Fernandez-Palomeque, Carlos; Fiol, Miguel; Bonnin, Oriol; Torres, Jose Juan
CS University Institute of Health Sciences Research (IUNICS), University of Balearic Islands, Spain
SO Frontiers in Bioscience (2006), 11(1), 136-142
CODEN: FRBIF6; ISSN: 1093-4715
URL: <http://www.biostemce.org/2006/v11/af/1786/fulltext.htm>
PB Frontiers in Bioscience
DT Journal; (online computer file)
LA English
OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 12 and (calcification or calcium deposition or calcium crystal)
13421 CALCIFICATION
832 CALCIFICATIONS
13735 CALCIFICATION
(CALCIFICATION OR CALCIFICATIONS)
1009972 CALCIUM
41 CALCIUMS
1009977 CALCIUM
(CALCIUM OR CALCIUMS)
604369 DEPOSITION
7950 DEPOSITIONS
607382 DEPOSITION
(DEPOSITION OR DEPOSITIONS)

829 CALCIUM DEPOSITION
(CALCIUM(W) DEPOSITION)

1009972 CALCIUM
41 CALCIUMS

1009977 CALCIUM
(CALCIUM OR CALCIUMS)

1603059 CRYSTAL
756750 CRYSTALS

1929890 CRYSTAL
(CRYSTAL OR CRYSTALS)

313 CALCIUM CRYSTAL
(CALCIUM(W) CRYSTAL)

L10 38 L2 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)

=> s 12 (p) (calcification or calcium deposition or calcium crystal)

13421 CALCIFICATION
832 CALCIFICATIONS
13735 CALCIFICATION
(CALCIFICATION OR CALCIFICATIONS)

1009972 CALCIUM
41 CALCIUMS

1009977 CALCIUM
(CALCIUM OR CALCIUMS)

604369 DEPOSITION
7950 DEPOSITIONS

607382 DEPOSITION
(DEPOSITION OR DEPOSITIONS)

829 CALCIUM DEPOSITION
(CALCIUM(W) DEPOSITION)

1009972 CALCIUM
41 CALCIUMS

1009977 CALCIUM
(CALCIUM OR CALCIUMS)

1603059 CRYSTAL
756750 CRYSTALS

1929890 CRYSTAL
(CRYSTAL OR CRYSTALS)

313 CALCIUM CRYSTAL
(CALCIUM(W) CRYSTAL)

L11 17 L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)

=> s 12 (p) (calcification or calcium deposition or calcium crystal) (p) (kidney or renal or cerebral or heart or lung or pulmonary or cardiac or cardiovascular)

13421 CALCIFICATION
832 CALCIFICATIONS
13735 CALCIFICATION
(CALCIFICATION OR CALCIFICATIONS)

1009972 CALCIUM
41 CALCIUMS

1009977 CALCIUM
(CALCIUM OR CALCIUMS)

604369 DEPOSITION
7950 DEPOSITIONS

607382 DEPOSITION
(DEPOSITION OR DEPOSITIONS)

829 CALCIUM DEPOSITION
(CALCIUM(W) DEPOSITION)

1009972 CALCIUM
41 CALCIUMS

1009977 CALCIUM
(CALCIUM OR CALCIUMS)

1603059 CRYSTAL

756750 CRYSTALS
 1929890 CRYSTAL
 (CRYSTAL OR CRYSTALS)
 313 CALCIUM CRYSTAL
 (CALCIUM(W) CRYSTAL)
 363363 KIDNEY
 72562 KIDNEYS
 385880 KIDNEY
 (KIDNEY OR KIDNEYS)
 194051 RENAL
 12 RENALS
 194056 RENAL
 (RENAL OR RENALS)
 128659 CEREBRAL
 414365 HEART
 33894 HEARTS
 417009 HEART
 (HEART OR HEARTS)
 262498 LUNG
 51899 LUNGS
 279051 LUNG
 (LUNG OR LUNGS)
 126273 PULMONARY
 165090 CARDIAC
 48 CARDIACS
 165116 CARDIAC
 (CARDIAC OR CARDIACS)
 150122 CARDIOVASCULAR
 4 CARDIOVASCULARS
 150125 CARDIOVASCULAR
 (CARDIOVASCULAR OR CARDIOVASCULARS)
 L12 4 L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
 (P) (KIDNEY OR RENAL OR CEREBRAL OR HEART OR LUNG OR PULMONARY
 OR CARDIAC OR CARDIOVASCULAR)

=> d l12 ibib 1-
 YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):Y

L12 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2007:831523 HCAPLUS
 DOCUMENT NUMBER: 147:314566
 TITLE: Effect of crystallization inhibitors on vascular
 calcifications induced by vitamin D - a pilot study in
 Sprague-Dawley rats
 AUTHOR(S): Grases, Felix; Sanchis, Pilar; Perello, Joan; Isern,
 Bernat; Prieto, Rafael M.; Fernandez-Palomeque, Carlos;
 Torres, Jose J.
 CORPORATE SOURCE: Laboratory of Renal Lithiasis Research, University
 Institute of Health Sciences Research (IUNICS),
 University of Balearic Islands, Spain
 SOURCE: Circulation Journal (2007), 71(7), 1152-1156
 CODEN: CJIOBY; ISSN: 1346-9843
 PUBLISHER: Japanese Circulation Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD
 (8 CITINGS)
 REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2005:1308816 HCAPLUS

DOCUMENT NUMBER: 144:343297
TITLE: Phytate (myo-inositol hexakisphosphate) inhibits cardiovascular calcifications in rats
AUTHOR(S): Grases, Felix; Sanchis, Pilar; Perello, Joan; Isern, Bernat; Prieto, Rafel Maria; Fernandez-Palomque, Carlos; Fiol, Miguel; Bonnin, Oriol; Torres, Jose Juan
CORPORATE SOURCE: University Institute of Health Sciences Research (IUNICS), University of Balearic Islands, Spain
SOURCE: Frontiers in Bioscience (2006), 11(1), 136-142
CODEN: FRBIF6; ISSN: 1093-4715
URL: <http://www.biobioscience.org/2006/v11/af/1786/fulltext.htm>
PUBLISHER: Frontiers in Bioscience
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: English
OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:468600 HCAPLUS
DOCUMENT NUMBER: 133:176645
TITLE: Phytate prevents tissue calcifications in female rats
AUTHOR(S): Grases, F.; Prieto, R. M.; Simonet, B. M.; March, J. G.
CORPORATE SOURCE: Laboratory of Renal Lithiasis Research, University of Balearic Islands, Palma de Mallorca, E-07071, Spain
SOURCE: BioFactors (2000), 11(3), 171-177
CODEN: BIFAEU; ISSN: 0951-6433
PUBLISHER: IOS Press
DOCUMENT TYPE: Journal
LANGUAGE: English
OS.CITING REF COUNT: 37 THERE ARE 37 CAPLUS RECORDS THAT CITE THIS RECORD (37 CITINGS)
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:4345 HCAPLUS
DOCUMENT NUMBER: 132:273607
TITLE: Phytate (IP6) is a powerful agent for preventing calcifications in biological fluids: usefulness in renal lithiasis treatment
AUTHOR(S): Grases, Felix; Costa-Bauza, Antonia
CORPORATE SOURCE: Laboratory of Investigation into Renal Lithiasis, Faculty of Sciences, University of Illes Balears, Palma de Mallorca, 07071, Spain
SOURCE: Anticancer Research (1999), 19(5A), 3717-3722
PUBLISHER: International Institute of Anticancer Research
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS RECORD (24 CITINGS)
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l12 ibib 4 kwic

L12 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:4345 HCAPLUS
DOCUMENT NUMBER: 1321273607
TITLE: Phytate (IP6) is a powerful agent for preventing calcifications in biological fluids: usefulness in renal lithiasis treatment
AUTHOR(S): Grases, Felix; Costa-Bauza, Antonia
CORPORATE SOURCE: Laboratory of Investigation into Renal Lithiasis, Faculty of Sciences, University of Illes Balears, Palma de Mallorca, 07071, Spain
SOURCE: Anticancer Research (1999), 19(5A), 3717-3722
PUBLISHER: International Institute of Anticancer Research
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
OS.CITING REF COUNT: 24 THERE ARE 24 CAPLUS RECORDS THAT CITE THIS RECORD (24 CITINGS)
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
IT 83-86-3
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(phytate (IP6) is a powerful agent for preventing calcifications in biol. fluids and is useful in renal lithiasis treatment)

=> d his full

(FILE 'HOME' ENTERED AT 15:22:03 ON 12 DEC 2010)

FILE 'REGISTRY' ENTERED AT 15:22:25 ON 12 DEC 2010

E PHYTIC ACID/CN
L1 1 SEA ABB=ON PLU=ON "PHYTIC ACID"/CN
D L1

FILE 'HCAPLUS' ENTERED AT 15:24:01 ON 12 DEC 2010

L2 8943 SEA ABB=ON PLU=ON L1
L3 56 SEA ABB=ON PLU=ON L2 (P) (CUTANEOUS OR PERCUTANEOUS OR TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR DERMATOLOGICAL OR TRANSDERMAL)
L4 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT?)
L5 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT? OR PREVENT)
L6 2 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
D L6 1- IIBB
L7 195 SEA ABB=ON PLU=ON L2 AND (CUTANEOUS OR PERCUTANEOUS OR TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR DERMATOLOGICAL OR TRANSDERMAL)
L8 3 SEA ABB=ON PLU=ON L7 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
L9 1 SEA ABB=ON PLU=ON L8 NOT L6
D L9
L10 38 SEA ABB=ON PLU=ON L2 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
L11 17 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
L12 4 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL) (P) (KIDNEY OR RENAL OR CEREBRAL OR

HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
D L12 IBIB 1-
D L12 IBIB 4 KWIC

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0
DICTIONARY FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE HCPLUS

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FILE COVERS 1907 - 12 Dec 2010 VOL 153 ISS 25

FILE LAST UPDATED: 10 Dec 2010 (20101210/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

HCplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 17 and (kidney or renal or cerebral or heart or lung or pulmonary or cardiac or cardiovascular)
363363 KIDNEY
72562 KIDNEYS
385880 KIDNEY
(KIDNEY OR KIDNEYS)
194051 RENAL

12 RENALS
 194056 RENAL
 (RENAL OR RENALS)
 128659 CEREBRAL
 414365 HEART
 33894 HEARTS
 417009 HEART
 (HEART OR HEARTS)
 262498 LUNG
 51899 LUNGS
 279051 LUNG
 (LUNG OR LUNGS)
 126273 PULMONARY
 165090 CARDIAC
 48 CARDIACS
 165116 CARDIAC
 (CARDIAC OR CARDIACS)
 150122 CARDIOVASCULAR
 4 CARDIOVASCULARS
 150125 CARDIOVASCULAR
 (CARDIOVASCULAR OR CARDIOVASCULARS)
 L13 7 L7 AND (KIDNEY OR RENAL OR CEREBRAL OR HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)

=> d l13 ibib kwic 1-
 YOU HAVE REQUESTED DATA FROM 7 ANSWERS - CONTINUE? Y/(N):y

L13 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2006:834984 HCAPLUS
 DOCUMENT NUMBER: 145:305564
 TITLE: Absorption of myo-inositol hexakisphos (InsP6) through
 the skin in humans
 AUTHOR(S): Grases, F.; Isern, B.; Perello, J.; Sanchis, P.;
 Costa-Bauza, A.
 CORPORATE SOURCE: Laboratory of Renal Lithiasis Research, Faculty of
 Sciences, University of Balearic Islands, Palma de
 Mallorca, 07122, Spain
 SOURCE: Pharmazie (2006), 61(7), 652
 CODEN: PHARAT; ISSN: 0031-7144
 PUBLISHER: Govi-Verlag Pharmazeutischer Verlag GmbH
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
 (3 CITINGS)
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
 AB . . . paper, we present a pilot study of the of myo-inositol
 hexakisphosphate (InsP6, phytate) skin in humans. We found that, after
 topical treatment with a 4% InsP6 rich gel, InsP6 urinary
 excretion increased 54% compared to the control situation (participants
 submitted to. . . for 15 days, n = 6), clearly demonstrating that InsP6
 is absorbed the skin of humans. These results demonstrate the
 topical application as a suitable administration route of InsP6 in
 humans.
 ST inositol hexakisphos topical gel absorption excretion
 IT Human
 Kidney
 Skin
 (absorption of myo-inositol hexakisphos topical gel through
 the skin in humans)
 IT Biological transport
 (excretion; absorption of myo-inositol hexakisphos topical

gel through the skin in humans)

IT Drug delivery systems
(gels, topical; absorption of myo-inositol hexakisphos topical gel through the skin in humans)

IT Biological transport
(uptake; absorption of myo-inositol hexakisphos topical gel through the skin in humans)

IT 83-86-3
RL: PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(absorption of myo-inositol hexakisphos topical gel through the skin in humans)

L13 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:1308816 HCAPLUS
DOCUMENT NUMBER: 1441:343297
TITLE: Phytate (myo-inositol hexakisphosphate) inhibits cardiovascular calcifications in rats
AUTHOR(S): Grases, Felix; Sanchis, Pilar; Perello, Joan; Isern, Bernat; Prieto, Rafael Maria; Fernandez-Palomeme, Carlos; Fiol, Miguel; Bonnin, Oriol; Torres, Jose Juan
CORPORATE SOURCE: University Institute of Health Sciences Research (IUNICS), University of Balearic Islands, Spain
SOURCE: Frontiers in Bioscience (2006), 11(1), 136-142
CODEN: FRBIF6; ISSN: 1093-4715
URL: <http://www.bioscience.org/2006/v11/af/1786/fulltext.htm>

PUBLISHER: Frontiers in Bioscience
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: English
OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI Phytate (myo-inositol hexakisphosphate) inhibits cardiovascular calcifications in rats
AB Calcification is an undesirable disorder, which frequently occurs in the heart vessels. In general, the formation of calcific vascular lesions involves complex physicochem. and mol. events. Calcification (hydroxyapatite) is initiated by . . . intake but it can also be absorbed topically. In this paper, the capacity of InsP6 as a potential inhibitor of cardiovascular calcifications was assessed in Wistar rats. Three groups were included, a control group, an InsP6 treated group (subjected to calcinosis induction by Vitamin D and nicotine and treated with std. cream with a 2% of InsP6 as potassium salt) and an InsP6 nontreated group (only subjected to calcinosis induction). All rats. . . 60 h of calcinosis treatment, all rats of the InsP6 non-treated group died and the rest were sacrificed. Aorta and hearts were removed. A highly significant increase in the calcium content of aorta and heart tissue was obsd. in the InsP6 non-treated rats (21 +/- 1 mg calcium / g dry aorta tissue, 10 +/- 1 mg calcium / g dry heart tissue) when compared with controls (1.3 +/- 0.1 mg calcium / g dry aorta tissue, 0.023 +/- 0.004 mg calcium / g heart dry tissue) and InsP6 treated (0.9 +/- 0.2 mg calcium / g dry aorta tissue, 0.30 +/- 0.03 mg calcium / g dry heart tissue) animals. Only InsP6 non-treated rats displayed important mineral deposits in aorta and heart. These findings are consistent with the action of InsP6, as an inhibitor of calcification of cardiovascular system.
ST phytate Myo inositol hexakisphosphate cardiovascular calcification calcium calcinosis
IT Calcification

(disorder, calcinosis; phytate inhibits cardiovascular calcifications in rat)

IT Heart
 (phytate inhibits cardiovascular calcifications in rat)

IT 7440-70-2, Calcium, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (phytate inhibits cardiovascular calcifications in rat)

IT 83-86-3
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (phytate inhibits cardiovascular calcifications in rat)

L13 ANSWER 3 OF 7 HCPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2005:546880 HCPLUS
 DOCUMENT NUMBER: 143:83457
 TITLE: compositions facilitating translocation of therapeutic effector across biol. barrier comprising hydrophobic agent, counter ion, penetrating peptide, and/or protease inhibitor

INVENTOR(S): Ben-Sasson, Shmuel A.; Cohen, Einat
 PATENT ASSIGNEE(S): Israel
 SOURCE: U.S. Pat. Appl. Publ., 59 pp., Cont.-in-part of U.S. Ser. No. 665,184.
 CODEN: USXXCO

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050136103	A1	20050623	US 2004-942300	20040916
US 20040146549	A1	20040729	US 2003-665184	20030917
US 7115707	B2	20061003		
US 20050058702	A1	20050317	US 2003-664989	20030917
PRIORITY APPLN. INFO.:			US 2003-503615P	P 20030917
			US 2003-664989	A2 20030917
			US 2003-665184	A2 20030917
			US 2002-355396P	P 20020207
			WO 2003-IB968	A2 20030207

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OTHER SOURCE(S): MARPAT 143:83457
 OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

IT Alzheimer's disease
 Anemia (disease)
 Antioxidants
 Atherosclerosis
 Autoimmune disease
 Biological transport
 Blood, disease
 Blood-brain barrier
 Cardiovascular system, disease
 Cell membrane
 Diabetes insipidus
 Diabetes mellitus
 Encapsulation
 Endocrine system, disease
 Endothelium
 Epithelium
 Eye, disease
 Fertility disorders

Fibrosis
Immune disease
Immunodeficiency
Infection
 Kidney, disease
Metabolic disorders
Multiple sclerosis
Mycosis
Neoplasm
Obesity
Osteoporosis
Parkinson's disease
Peptidomimetics
Rheumatic diseases
Vaccines
 (comps. for facilitating translocation of therapeutic effector across
 biol. barrier comprising hydrophobic agent, counter ion, penetrating
 peptide, and/or protease inhibitor)
IT Kidney, disease
 (failure; comps. for facilitating translocation of therapeutic
 effector across biol. barrier comprising hydrophobic agent, counter
 ion, penetrating peptide, and/or protease inhibitor)
IT Drug delivery systems
 (ointments, creams; comps. for facilitating
 translocation of therapeutic effector across biol. barrier comprising
 hydrophobic agent, counter ion, penetrating peptide, and/or protease
 inhibitor)
IT Drug delivery systems
 (pulmonary; comps. for facilitating translocation of
 therapeutic effector across biol. barrier comprising hydrophobic agent,
 counter ion, penetrating peptide, and/or protease inhibitor)
IT Drug delivery systems
 (topical; comps. for facilitating translocation of
 therapeutic effector across biol. barrier comprising hydrophobic agent,
 counter ion, penetrating peptide, and/or protease inhibitor)
IT Drug delivery systems
 (transdermal; comps. for facilitating translocation of
 therapeutic effector across biol. barrier comprising hydrophobic agent,
 counter ion, penetrating peptide, and/or protease inhibitor)
IT 71-44-3, Spermine 83-86-3, Phytic acid 9002-89-5, Polyvinyl
alcohol 9003-39-8, Polyvinylpyrrolidone 57680-56-5, Sucrose
octasulfate
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (protein stabilizer; comps. for facilitating translocation of
 therapeutic effector across biol. barrier comprising hydrophobic agent,
 counter ion, penetrating peptide, and/or protease inhibitor)

L13 ANSWER 4 OF 7 HCPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:426442 HCPLUS
DOCUMENT NUMBER: 142:451866
TITLE: Myo-inositol hexaphosphate for topical use
INVENTOR(S): Grases Freixedas, Felicia; Perello Bestard, Joan;
Isern Amengual, Bernat; Prieto Almirall, Rafael; Costa
Bauza, Antonia
PATENT ASSIGNEE(S): Universitat de les Illes Balears, Spain; Grases
Freixedas, Felicia; Isern Amengual, Bernat; Prieto
Almirall, Rafael; Costa Bauza, Antonia
SOURCE: PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044278	A1	20050519	WO 2004-IB3588	20041103
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
ES 2232302	A1	20050516	ES 2003-2600	20031107
ES 2232302	B1	20060801		
CA 2544963	A1	20050519	CA 2004-2544963	20041103
CA 2544963	C	20100330		
EP 1680128	A1	20060719	EP 2004-798764	20041103
EP 1680128	B1	20070214		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004015713	A	20061219	BR 2004-15713	20041103
AT 353655	T	20070315	AT 2004-798764	20041103
JP 2007510710	T	20070426	JP 2006-538978	20041103
PT 1680128	E	20070531	PT 2004-798764	20041103
ES 2282920	T3	20071016	ES 2004-798764	20041103
MX 2006005043	A	20070315	MX 2006-5043	20060504
US 2007006574	A1	20070322	US 2006-595709	20060505
PRIORITY APPLN. INFO.:			ES 2003-2600	A 20031107
			WO 2004-IB3588	W 20041103

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

TI Myo-inositol hexaphosphate for topical use

AB A compn. comprises myo-inositol hexaphosphate for topical administration for utilization in the treatment or prevention of a disease assocd. with the development of heterogeneous nucleants in a. . . .

ST myoinositol hexaphosphate topical

IT Blood vessel

Brain

Calcification

Kidney

Lung

(myo-inositol hexaphosphate for topical use)

IT Animal tissue
(soft; myo-inositol hexaphosphate for topical use)

IT Drug delivery systems
(topical; myo-inositol hexaphosphate for topical use)

IT 83-86-3, myo-Inositol hexaphosphate 14306-25-3, Sodium phytate
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(myo-inositol hexaphosphate for topical use)

L13 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:238432 HCAPLUS

DOCUMENT NUMBER: 142:303641

TITLE: Compositions capable of facilitating penetration

INVENTOR(S): across a biological barrier
 Ben-Sasson, Shmuel A.; Cohen, Einat
 PATENT ASSIGNEE(S): Israel
 SOURCE: U.S. Pat. Appl. Publ., 12 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050058702	A1	20050317	US 2003-664989	20030917
US 20050136103	A1	20050623	US 2004-942300	20040916
AU 200417954	A1	20051013	AU 2004-317954	20040917
CA 2539043	A1	20051013	CA 2004-2539043	20040917
WO 2005094785	A2	20051013	WO 2004-IB4452	20040917
WO 2005094785	A3	20060323		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1670500	A2	20060621	EP 2004-821561	20040917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007523050	T	20070816	JP 2006-526736	20040917
US 20070172517	A1	20070726	US 2006-572249	20061213
US 20070275055	A1	20071129	US 2007-879374	20070716
PRIORITY APPLN. INFO.:			US 2003-503615P	P 20030917
			US 2003-664989	A2 20030917
			US 2003-665184	A2 20030917
			WO 2004-IB4452	W 20040917

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

- IT Kidney, disease
 - (failure, treatment of; compns. capable of facilitating penetration across biol. barrier comprising effectors and counter ions)
- IT Drug delivery systems
 - (ointments, creams; compns. capable of facilitating penetration across biol. barrier comprising effectors and counter ions)
- IT Drug delivery systems
 - (ointments; compns. capable of facilitating penetration across biol. barrier comprising effectors and counter ions)
- IT Drug delivery systems
 - (transdermal; compns. capable of facilitating penetration across biol. barrier comprising effectors and counter ions)
- IT Alzheimer's disease
 - Anemia (disease)
 - Atherosclerosis
 - Autoimmune disease
 - Blood, disease
 - Blood coagulation disorders
 - Cardiovascular system, disease
 - Diabetes mellitus

Endocrine system, disease
Eye, disease
Fertility disorders
Fibrosis
 Heart, disease
Immune disease
Immunodeficiency
Infection
 Kidney, disease
Metabolic disorders
Multiple sclerosis
Mycosis
Neoplasm
Obesity
Osteoporosis
Parkinson's disease
Rheumatic diseases
 (treatment of; compns. capable of facilitating penetration across biol.
 barrier comprising effectors and counter ions)

IT 53-79-2, Puromycin 55-91-4, DFP 57-88-5D, Cholesterol, fatty acid esters 60-00-4, EDTA, biological studies 60-00-4D, EDTA, chitosan conjugates 64-17-5, Ethanol, biological studies 66-71-7, 1,10-Phenanthroline 67-63-0, Isopropanol, biological studies 67-68-5, Dimethyl sulfoxide, biological studies 68-12-2, DMF, biological studies 71-23-8, Propanol, biological studies 71-36-3, n-Butanol, biological studies 75-65-0, tert-Butanol, biological studies 78-83-1, Isobutanol, biological studies 79-10-7D, Acrylic acid, derivs., polymers 83-86-3, Phytic acid 120-51-4, Benzyl benzoate 123-51-3, Isoamyl alcohol 329-98-6, PMSF 501-52-0, Benzenepropanoic acid 516-50-7D, Taurodeoxycholic acid, salts 621-71-6, Tricaprin 863-57-0, Sodium glycocholate 1405-87-4, Bacitracin 2364-87-6, TLCK 3858-83-1, p-Aminobenzamidine 6303-21-5D, Phosphinic acid, dipeptide analogs 8001-27-2, Hirudin 9002-64-6, Parathyroid hormone 9002-67-9, Luteinizing hormone 9002-68-0, FSH 9002-72-6, Growth hormone 9004-10-8, Insulin, biological studies 9004-61-9, Hyaluronic acid 9005-49-6, Heparin, biological studies 9007-12-9, Calcitonin 9007-28-7, Chondroitin sulfate 9012-76-4D, Chitosan, EDTA conjugates 9034-40-6D, LHRH, analogs 9041-92-3, .alpha.1-Antitrypsin 9050-30-0 9076-44-2, Chymostatin 9078-38-0, Soybean trypsin inhibitor 9087-70-1, Aprotinin 11096-26-7, Erythropoietin 24967-94-0, Dermatan sulfate 25322-68-3, Polyethylene glycol 30827-99-7, AEBSF 36357-77-4, Phosphoramidon 37213-49-3, .alpha.-Melanotropin 37330-34-0, Bowman-Birk inhibitor 37691-11-5, Antipain 42228-92-2, Acivicin 45470-32-4, 1,3-Dimethylimidazolium 51798-45-9, Elastatinal 51839-17-9 55123-66-5, Leupeptin 58970-76-6, Bestatin 59721-29-8, Camostat mesylate 61909-81-7, Solutol HS15 64111-53-1 65039-03-4, 1-Ethyl-3-methylimidazolium 65144-34-5 67655-94-1, Amastatin 70904-56-2, Kyotorphin 71933-13-6 76721-89-6, Thiorphan 80432-08-2, 1-Butyl-3-methylimidazolium 81733-79-1, Dalargin 83869-56-1, GM-CSF 85100-82-9, 1-Hexyl-3-methylimidazolium 88105-67-3 89703-10-6, FK-448 89750-14-1, Glucagon-like peptide 1 106096-93-9, BFGF 106392-12-5, Poloxamer 125867-77-8 128270-60-0, Hirulog 143011-72-7, G-CSF 157310-70-8, 1,2-Dimethyl-3-propylimidazolium 159519-65-0, T20 178631-03-3, 1-Methyl-3-octylimidazolium 313475-49-9 343952-32-9 847835-84-1D, sugar complexes
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (compns. capable of facilitating penetration across biol. barrier comprising effectors and counter ions)

TITLE: Peptides capable of facilitating penetration across a biological barrier and their use in drug delivery
 INVENTOR(S): Ben-Sasson, Shmuel A.; Cohen, Einat
 PATENT ASSIGNEE(S): Chiasma, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 54 pp., Cont.-in-part of Appl. No. PCT/03IB/00968.
 CODEN: USXCO

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040146549	A1	20040729	US 2003-665184	20030917
US 7115707	B2	20061003		
WO 2003066859	A2	20030814	WO 2003-IB968	20030207
WO 2003066859	A3	20040513		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20050136103	A1	20050623	US 2004-942300	20040916
AU 2004317954	A1	20051013	AU 2004-317954	20040917
CA 2539043	A1	20051013	CA 2004-2539043	20040917
WO 2005094785	A2	20051013	WO 2004-IB4452	20040917
WO 2005094785	A3	20060323		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1670500	A2	20060621	EP 2004-821561	20040917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007523050	T	20070816	JP 2006-526736	20040917
US 20060251713	A1	20061109	US 2006-489391	20060718
US 20070172517	A1	20070726	US 2006-572249	20061213
PRIORITY APPLN. INFO.:			US 2002-355396P	P 20020207
			WO 2003-IB968	A2 20030207
			US 2003-503615P	P 20030917
			US 2003-664989	A2 20030917
			US 2003-665184	A2 20030917
			WO 2004-IB4452	W 20040917

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
 REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
 AB . . . Thus, a conserved peptide sequence from an *Haemophilus influenzae* protein involved in paracytosis facilitates penetration of this bacterium

between human lung epithelial cells without compromising the epithelial barrier. This peptide, and similar peptides from other bacteria or from human NK-1 and. . .

IT Drug delivery systems
(ointments, creams; peptides capable of facilitating penetration across biol. barrier and their use in drug delivery)

IT Alzheimer's disease
Anti-Alzheimer's agents
Antidiabetic agents
Antioesity agents
Antiparkinsonian agents
Atherosclerosis
Blood, disease
Blood coagulation disorders
Cardiovascular system, disease
Diabetes insipidus
Diabetes mellitus
Drug delivery systems
Endocrine system, disease
Fertility disorders
Heart, disease
Human
Metabolic disorders
Neoplasm
Obesity
Osteoporosis
Parkinson's disease
(peptides capable of facilitating penetration across biol. barrier and their use in drug delivery)

IT 83-86-3, Phytic acid 151-21-3, Sodium dodecyl sulphate, biological studies 327-57-1, Norleucine 672-15-1, Homoserine 2373-23-1, Diethyl sulfosuccinate 6027-13-0, Homocysteine 6600-40-4, Norvaline 13073-35-3, Ethionine 16749-13-6D, Phosphonium, derivs. 16969-45-2D, Pyridinium, derivs. 45470-32-4, 1,3-Dimethylimidazolium 6411-53-1 65039-03-4, 1-Ethyl-3-methylimidazolium 80432-08-2, 1-Butyl-3-methylimidazolium 85100-82-9, 1-Hexyl-3-methylimidazolium 125867-77-8 157310-70-8, 1,2-Dimethyl-3-propylimidazolium 178631-03-3, 1-Methyl-3-octylimidazolium 313475-49-9 343952-32-9
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(peptide comprising; peptides capable of facilitating penetration across biol. barrier and their use in drug delivery)

L13 ANSWER 7 OF 7 HCPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:772438 HCPLUS

DOCUMENT NUMBER: 133:340235

TITLE: Carnitine and inositol phosphate-containing composition useful as dietary supplement or drug

INVENTOR(S): Cavazza, Claudio

PATENT ASSIGNEE(S): Sigma-Tau Healthscience S.p.A., Italy

SOURCE: PCT Int. Appl., 21 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000064426	A2	20001102	WO 2000-IT158	20000419
WO 2000064426	A3	20010525		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,

DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
IT 1306133	B1 20010530	IT 1999-RM248	19990422
CA 2335015	A1 20001102	CA 2000-2335015	20000419
CA 2335015	C 20080318		
BR 2000006076	A 20010320	BR 2000-6076	20000419
TR 2000003737	T1 20010723	TR 2000-3737	20000419
EP 1119363	A2 20010801	EP 2000-922866	20000419
EP 1119363	B1 20050713		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
HU 2001002926	A2 20020328	HU 2001-2926	20000419
HU 2001002926	A3 20021228		
EE 2000000742	A 20020415	EE 2000-742	20000419
JP 2002542282	T 20021210	JP 2000-613417	20000419
AU 776591	B2 20040916	AU 2000-43135	20000419
AT 299370	T 20050715	AT 2000-922866	20000419
PT 1119363	E 20050930	PT 2000-922866	20000419
ES 2243254	T3 20051201	ES 2000-922866	20000419
PL 197885	B1 20080530	PL 2000-346160	20000419
NO 2000006429	A 20010220	NO 2000-6429	20001215
MX 2000012907	A 20010622	MX 2000-12907	20001220
US 6565876	B1 20030520	US 2000-720099	20001221
PRIORITY APPLN. INFO.:		IT 1999-RM248	A 19990422
		WO 2000-IT158	W 20000419

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB A compn. is disclosed suitable for the prevention and/or treatment of cardiovascular and neurocerebral disorders, tissue anoxic forms, muscular energy deficits, inflammatory-type abnormalities, alterations of blood coagulation such as thrombosis, and tissue. . .

IT Aging, animal

Anticoagulants

Antioxidants

Brain

Brain, disease

Cardiovascular system

Cytotoxic agents

(medication and dietary supplements contg. carnitine and inositol phosphate)

IT Drug delivery systems

(transdermal; medication and dietary supplements contg. carnitine and inositol phosphate)

IT 50-81-7, L-Ascorbic acid, biological studies 59-30-3, biological studies 59-43-8, biological studies 68-19-9, Vitamin B12 83-86-3

83-88-5, Riboflavin, biological studies 87-89-8, myo-Inositol 98-92-0,

3-Pyridinecarboxamide 303-98-0 541-15-1 1406-18-4, Vitamin E

3040-38-8 7235-40-7, .beta...beta-.Carotene 7782-49-2, Selenium,

biological studies 8059-24-3, Vitamin B6 20064-19-1 25576-40-3

25663-09-6 27121-72-8 31023-24-2 40225-14-7 105182-27-2

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(medication and dietary supplements contg. carnitine and inositol

phosphate)

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(FILE 'HOME' ENTERED AT 15:22:03 ON 12 DEC 2010)

FILE 'REGISTRY' ENTERED AT 15:22:25 ON 12 DEC 2010

E PHYTIC ACID/CN

L1 1 SEA ABB=ON PLU=ON "PHYTIC ACID"/CN
D L1

FILE 'HCAPLUS' ENTERED AT 15:24:01 ON 12 DEC 2010

L2 8943 SEA ABB=ON PLU=ON L1
L3 56 SEA ABB=ON PLU=ON L2 (P) (CUTANEOUS OR PERCUTANEOUS OR
TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR
DERMATOLOGICAL OR TRANSDERMAL)
L4 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT?)
L5 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT? OR
PREVENT)
L6 2 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)
D L6 1- IBIB
L7 195 SEA ABB=ON PLU=ON L2 AND (CUTANEOUS OR PERCUTANEOUS OR
TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR
DERMATOLOGICAL OR TRANSDERMAL)
L8 3 SEA ABB=ON PLU=ON L7 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)
L9 1 SEA ABB=ON PLU=ON L8 NOT L6
D L9
L10 38 SEA ABB=ON PLU=ON L2 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)
L11 17 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)
L12 4 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (KIDNEY OR RENAL OR CEREBRAL OR
HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
D L12 IBIB 1-
D L12 IBIB 4 KWIC
L13 7 SEA ABB=ON PLU=ON L7 AND (KIDNEY OR RENAL OR CEREBRAL OR
HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
D L13 IBIB KWIC 1-

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0
DICTIONARY FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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FILE COVERS 1907 - 12 Dec 2010 VOL 153 ISS 25
FILE LAST UPDATED: 10 Dec 2010 (20101210/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

HCplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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(FILE 'HOME' ENTERED AT 15:22:03 ON 12 DEC 2010)

FILE 'REGISTRY' ENTERED AT 15:22:25 ON 12 DEC 2010

E PHYTIC ACID/CN

L1 1 SEA ABB=ON PLU=ON "PHYTIC ACID"/CN
D L1

FILE 'HCPLUS' ENTERED AT 15:24:01 ON 12 DEC 2010

L2 8943 SEA ABB=ON PLU=ON L1

L3 56 SEA ABB=ON PLU=ON L2 (P) (CUTANEOUS OR PERCUTANEOUS OR
TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR
DERMATOLOGICAL OR TRANSDERMAL)

L4 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT?)

L5 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT? OR
PREVENT)

L6 2 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)
D L6 1- IIB1B

L7 195 SEA ABB=ON PLU=ON L2 AND (CUTANEOUS OR PERCUTANEOUS OR
TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR
DERMATOLOGICAL OR TRANSDERMAL)

L8 3 SEA ABB=ON PLU=ON L7 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)

L9 1 SEA ABB=ON PLU=ON L8 NOT L6

D L9
L10 38 SEA ABB=ON PLU=ON L2 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)
L11 17 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)
L12 4 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (KIDNEY OR RENAL OR CEREBRAL OR
HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
D L12 IBIB 1-
D L12 IBIB 4 KWIC
L13 7 SEA ABB=ON PLU=ON L7 AND (KIDNEY OR RENAL OR CEREBRAL OR
HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
D L13 IBIB KWIC 1-

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0

DICTIONARY FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE HCPLUS

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of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 12 Dec 2010 VOL 153 ISS 25

FILE LAST UPDATED: 10 Dec 2010 (20101210/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

HCplus now includes complete International Patent Classification (IPC)
reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s l10 and (soft tissue)
  211080 SOFT
    105 SOFTS
  211171 SOFT
    (SOFT OR SOFTS)
  918030 TISSUE
  430403 TISSUES
  1163045 TISSUE
    (TISSUE OR TISSUES)
  15365 SOFT TISSUE
    (SOFT(W)TISSUE)
L14      9 L10 AND (SOFT TISSUE)
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(FILE 'HOME' ENTERED AT 15:22:03 ON 12 DEC 2010)

FILE 'REGISTRY' ENTERED AT 15:22:25 ON 12 DEC 2010
  E PHYTIC ACID/CN
L1      1 SEA ABB=ON PLU=ON "PHYTIC ACID"/CN
      D L1

FILE 'HCAPLUS' ENTERED AT 15:24:01 ON 12 DEC 2010
L2      8943 SEA ABB=ON PLU=ON L1
L3      56 SEA ABB=ON PLU=ON L2 (P) (CUTANEOUS OR PERCUTANEOUS OR
      TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR
      DERMATOLOGICAL OR TRANSDERMAL)
L4      1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
      OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT?)
L5      1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
      OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT? OR
      PREVENT)
L6      2 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
      OR CALCIUM CRYSTAL)
      D L6 1- IBIB
L7      195 SEA ABB=ON PLU=ON L2 AND (CUTANEOUS OR PERCUTANEOUS OR
      TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR
      DERMATOLOGICAL OR TRANSDERMAL)
L8      3 SEA ABB=ON PLU=ON L7 AND (CALCIFICATION OR CALCIUM DEPOSITION
      OR CALCIUM CRYSTAL)
L9      1 SEA ABB=ON PLU=ON L8 NOT L6
      D L9
L10     38 SEA ABB=ON PLU=ON L2 AND (CALCIFICATION OR CALCIUM DEPOSITION
      OR CALCIUM CRYSTAL)
L11     17 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION
      OR CALCIUM CRYSTAL)
L12     4 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION
      OR CALCIUM CRYSTAL) (P) (KIDNEY OR RENAL OR CEREBRAL OR
      HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
      D L12 IBIB 1-
      D L12 IBIB 4 KWIC
L13     7 SEA ABB=ON PLU=ON L7 AND (KIDNEY OR RENAL OR CEREBRAL OR
      HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
      D L13 IBIB KWIC 1-
L14     9 SEA ABB=ON PLU=ON L10 AND (SOFT TISSUE)
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FILE HOME
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FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0
DICTIONARY FILE UPDATES: 10 DEC 2010 HIGHEST RN 1256333-24-0

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stndoc/properties.html>

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FILE COVERS 1907 - 12 Dec 2010 VOL 153 ISS 25

FILE LAST UPDATED: 10 Dec 2010 (20101210/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

HCplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

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<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d l14 ibib 1-

YOU HAVE REQUESTED DATA FROM 9 ANSWERS - CONTINUE? Y/(N):y

L14 ANSWER 1 OF 9 HCPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2010:362731 HCPLUS
TITLE: Inositol hexakisphosphate inhibits mineralization of MC3T3-El osteoblast cultures
AUTHOR(S): Addison, William N.; McKee, Marc D.
CORPORATE SOURCE: Faculty of Dentistry, McGill University, Montreal, QC, Can.
SOURCE: Bone (Amsterdam, Netherlands) (2010), 46(4), 1100-1107
CODEN: BONEDL; ISSN: 8756-3282
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal

LANGUAGE: English
REFERENCE COUNT: 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:607796 HCAPLUS
DOCUMENT NUMBER: 151:378538
TITLE: Role of phytate and osteopontin in the mechanism of soft tissue calcification
AUTHOR(S): Grases, Felix; Prieto, Rafel M.; Sanchis, Pilar; Saus, Carles; de Francisco, Teresa
CORPORATE SOURCE: Laboratory of Renal Lithiasis Research, University of Health Sciences Research, University of Balearic Islands, Palma of Mallorca, Spain
SOURCE: Journal of Nephrology (2008), 21(5), 768-775
CODEN: JLNEEL; ISSN: 1121-8428
PUBLISHER: Wichtig Editore
DOCUMENT TYPE: Journal
LANGUAGE: English
OS.CITING REF COUNT: 1 THERE ARE 1 CAPIPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2007:831523 HCAPLUS
DOCUMENT NUMBER: 147:314566
TITLE: Effect of crystallization inhibitors on vascular calcifications induced by vitamin D - a pilot study in Sprague-Dawley rats -
AUTHOR(S): Grases, Felix; Sanchis, Pilar; Perello, Joan; Isern, Bernat; Prieto, Rafel M.; Fernandez-Palomeque, Carlos; Torres, Jose J.
CORPORATE SOURCE: Laboratory of Renal Lithiasis Research, University Institute of Health Sciences Research (IUNICS), University of Balearic Islands, Spain
SOURCE: Circulation Journal (2007), 71(7), 1152-1156
CODEN: CJIOBY; ISSN: 1346-9843
PUBLISHER: Japanese Circulation Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OS.CITING REF COUNT: 8 THERE ARE 8 CAPIPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 4 OF 9 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2006:1330548 HCAPLUS
DOCUMENT NUMBER: 146:197449
TITLE: Action of calcium binders. Formation of calcium salts in the intestinal tract and the blood circulatory system
AUTHOR(S): Yaqueo, Cesar Martinez
CORPORATE SOURCE: Facultad de Quimica y Farmacia, Universidad de la Republica Oriental del Uruguay, Montevideo, Urug.
SOURCE: Acta Bioquimica Clinica Latinoamericana (2006), 40(2), 213-217
CODEN: ABCLLD; ISSN: 0325-2957
PUBLISHER: Federacion Bioquimica de la Provincia de Buenos Aires
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:1308816 HCAPLUS
DOCUMENT NUMBER: 144:343297
TITLE: Phytate (myo-inositol hexakisphosphate) inhibits cardiovascular calcifications in rats
AUTHOR(S): Grases, Felix; Sanchis, Pilar; Perello, Joan; Isern, Bernat; Prieto, Rafael Maria; Fernandez-Palomque, Carlos; Fiol, Miguel; Bonnin, Oriol; Torres, Jose Juan
CORPORATE SOURCE: University Institute of Health Sciences Research (IUNICS), University of Balearic Islands, Spain
SOURCE: Frontiers in Bioscience (2006), 11(1), 136-142
CODEN: FRBIF6; ISSN: 1093-4715
URL: <http://www.bioscience.org/2006/v11/af/1786/fulltext.htm>
PUBLISHER: Frontiers in Bioscience
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: English
OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:558322 HCAPLUS
DOCUMENT NUMBER: 143:109700
TITLE: Study of a myo-inositol hexaphosphate-based cream to prevent dystrophic calcinosis cutis
AUTHOR(S): Grases, F.; Perello, J.; Isern, B.; Prieto, R. M.
CORPORATE SOURCE: Laboratory of Renal Lithiasis Research and Biominerilization, University Institute of Health Sciences Research (IUNICS), University of Balearic Islands, Palma de Mallorca, 07122, Spain
SOURCE: British Journal of Dermatology (2005), 152(5), 1022-1025
CODEN: BJDEAZ; ISSN: 0007-0963
PUBLISHER: Blackwell Publishing Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:426442 HCAPLUS
DOCUMENT NUMBER: 142:451866
TITLE: Myo-inositol hexaphosphate for topical use
INVENTOR(S): Grases Freixedas, Felicia; Perello Bestard, Joan; Isern Amengual, Bernat; Prieto Almirall, Rafael; Costa Bauza, Antonia
PATENT ASSIGNEE(S): Universitat de les Illes Balears, Spain; Grases Freixedas, Felicia; Isern Amengual, Bernat; Prieto Almirall, Rafael; Costa Bauza, Antonia
SOURCE: PCT Int. Appl., 19 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044278	A1	20050519	WO 2004-IB3588	20041103
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
ES 2232302	A1	20050516	ES 2003-2600	20031107
ES 2232302	B1	20060801		
CA 2544963	A1	20050519	CA 2004-2544963	20041103
CA 2544963	C	20100330		
EP 1680128	A1	20060719	EP 2004-798764	20041103
EP 1680128	B1	20070214		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004015713	A	20061219	BR 2004-15713	20041103
AT 35365	T	20070315	AT 2004-798764	20041103
JP 2007510710	T	20070426	JP 2006-538978	20041103
PT 1680128	E	20070531	PT 2004-798764	20041103
ES 2282920	T3	20070106	ES 2004-798764	20041103
MX 2006005043	A	20070315	MX 2006-5043	20060504
US 20070066574	A1	20070322	US 2006-595709	20060505
PRIORITY APPLN. INFO.:			ES 2003-2600	A 20031107
			WO 2004-IB3588	W 20041103

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 8 OF 9 HCPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2004:1341866 HCPLUS
 DOCUMENT NUMBER: 141:88332
 TITLE: Dietary myo-inositol hexaphosphate prevents dystrophic calcifications in soft tissues: a pilot study in Wistar rats
 AUTHOR(S): Grases, F.; Perello, J.; Prieto, R. M.; Simonet, B. M.; Torres, J. J.
 CORPORATE SOURCE: Institute of Health Sciences (IUNICS), Laboratory of Renal Lithiasis Research, University of Balearic Islands, Palma de Mallorca, 07071, Spain
 SOURCE: Life Sciences (2004), 75(1), 11-19
 CODEN: LIFSAK; ISSN: 0024-3205
 PUBLISHER: Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)
 REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 9 OF 9 HCPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1991:22791 HCPLUS
 DOCUMENT NUMBER: 114:22791
 ORIGINAL REFERENCE NO.: 114:4069a, 4072a

TITLE: Effect of dietary cereal brans on the metabolism of calcium, phosphorous and magnesium in a long term rat study

AUTHOR(S): Shah, Bhagwan G.; Malcolm, Steve; Belonje, Bartholomeus; Trick, Keith D.; Brassard, Rene; Mongeau, Roger

CORPORATE SOURCE: Nutr. Res. Div., Health and Welfare Canada, Ottawa, ON, K1A 0L2, Can.

SOURCE: Nutrition Research (New York, NY, United States) (1990), 10(9), 1015-28

DOCUMENT TYPE: CODEN: NTRSDC; ISSN: 0271-5317

LANGUAGE: Journal

OS.CITING REF COUNT: English 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

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(FILE 'HOME' ENTERED AT 15:22:03 ON 12 DEC 2010)

FILE 'REGISTRY' ENTERED AT 15:22:25 ON 12 DEC 2010
E PHYTIC ACID/CN

L1 1 SEA ABB=ON PLU=ON "PHYTIC ACID"/CN
D L1

L2 FILE 'HCAPLUS' ENTERED AT 15:24:01 ON 12 DEC 2010
8943 SEA ABB=ON PLU=ON L1

L3 56 SEA ABB=ON PLU=ON L2 (P) (CUTANEOUS OR PERCUTANEOUS OR
TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR
Dermatological OR TRANSDERMAL)

L4 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT?)

L5 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT? OR
PREVENT)

L6 2 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)
D L6 1- IBIB

L7 195 SEA ABB=ON PLU=ON L2 AND (CUTANEOUS OR PERCUTANEOUS OR
TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR
Dermatological OR TRANSDERMAL)

L8 3 SEA ABB=ON PLU=ON L7 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)

L9 1 SEA ABB=ON PLU=ON L8 NOT L6
D L9

L10 38 SEA ABB=ON PLU=ON L2 AND (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)

L11 17 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL)

L12 4 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (KIDNEY OR RENAL OR CEREBRAL OR
HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
D L12 IBIB 1-
D L12 IBIB 4 KWIC

L13 7 SEA ABB=ON PLU=ON L7 AND (KIDNEY OR RENAL OR CEREBRAL OR
HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
D L13 IBIB KWIC 1-

L14 9 SEA ABB=ON PLU=ON L10 AND (SOFT TISSUE)
D L14 IBIB 1-

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FILE COVERS 1907 - 12 Dec 2010 VOL 153 ISS 25

FILE LAST UPDATED: 10 Dec 2010 (20101210/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

HCplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s (12 or 13 or 17 or 113) and (calcium (5a) build (2a) up or tissue (5a) harden?)  
    1009972 CALCIUM  
        41 CALCIUMS  
    1009977 CALCIUM  
        (CALCIUM OR CALCIUMS)  
        47219 BUILD  
        6552 BUILDS  
        53497 BUILD  
        (BUILD OR BUILDS)  
    1594520 UP  
    16057 UPS  
    1607902 UP
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(UP OR UPS)
48 CALCIUM (5A) BUILD (2A) UP
918030 TISSUE
430403 TISSUES
1163045 TISSUE
(TISSUE OR TISSUES)
230224 HARDEN?
261 TISSUE (5A) HARDEN?
L15 1 (L2 OR L3 OR L7 OR L13) AND (CALCIUM (5A) BUILD (2A) UP OR TISSUE (5A) HARDEN?)

=> d 115

L15 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2010 ACS on STN
AN 2006:1330548 HCPLUS
DN 146:197449
TI Action of calcium binders. Formation of calcium salts in the intestinal tract and the blood circulatory system
AU Yaquelo, Cesar Martinez
CS Facultad de Quimica y Farmacia, Universidad de la Republica Oriental del Uruguay, Montevideo, Uruguay.
SO Acta Bioquimica Clinica Latinoamericana (2006), 40(2), 213-217
CODEN: ABCLDL; ISSN: 0325-2957
PB Federacion Bioquimica de la Provincia de Buenos Aires
DT Journal; General Review
LA English
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 15:22:03 ON 12 DEC 2010)
FILE 'REGISTRY' ENTERED AT 15:22:25 ON 12 DEC 2010
E PHYTIC ACID/CN
L1 1 SEA ABB=ON PLU=ON "PHYTIC ACID"/CN
D L1
FILE 'HCPLUS' ENTERED AT 15:24:01 ON 12 DEC 2010
L2 8943 SEA ABB=ON PLU=ON L1
L3 56 SEA ABB=ON PLU=ON L2 (P) (CUTANEOUS OR PERCUTANEOUS OR TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR DERMATOLOGICAL OR TRANSDERMAL)
L4 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT?)
L5 1 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL) (P) (TREAT? OR REDUC? OR INHIBIT? OR PREVENT)
L6 2 SEA ABB=ON PLU=ON L3 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
D L6 1- IBIB
L7 195 SEA ABB=ON PLU=ON L2 AND (CUTANEOUS OR PERCUTANEOUS OR TOPICAL OR CREAM OR OINTMENT OR LOTION OR SKIN CARE OR DERMATOLOGICAL OR TRANSDERMAL)
L8 3 SEA ABB=ON PLU=ON L7 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
L9 1 SEA ABB=ON PLU=ON L8 NOT L6
D L9
L10 38 SEA ABB=ON PLU=ON L2 AND (CALCIFICATION OR CALCIUM DEPOSITION OR CALCIUM CRYSTAL)
L11 17 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION

OR CALCIUM CRYSTAL)
L12 4 SEA ABB=ON PLU=ON L2 (P) (CALCIFICATION OR CALCIUM DEPOSITION
OR CALCIUM CRYSTAL) (P) (KIDNEY OR RENAL OR CEREBRAL OR
HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
D L12 IBIB 1-
D L12 IBIB 4 KWIC
L13 7 SEA ABB=ON PLU=ON L7 AND (KIDNEY OR RENAL OR CEREBRAL OR
HEART OR LUNG OR PULMONARY OR CARDIAC OR CARDIOVASCULAR)
D L13 IBIB KWIC 1-
L14 9 SEA ABB=ON PLU=ON L10 AND (SOFT TISSUE)
D L14 IBIB 1-
L15 1 SEA ABB=ON PLU=ON (L2 OR L3 OR L7 OR L13) AND (CALCIUM (5A)
BUILD (2A) UP OR TISSUE (5A) HARDEN?)
D L15

FILE HOME

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REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	-4.25	-4.25	

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STN INTERNATIONAL SESSION SUSPENDED AT 15:40:12 ON 12 DEC 2010